



A typical street during and after a Combined Sewer Overflow (CSO) project.



SEWER FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Resources:					
Pay -as-you-go Sewer Operating Fund	\$1,700,000	\$1,700,000	\$1,800,000	\$2,200,000	\$2,375,000
Amount to be Provided by General Obligations Bond Proceeds	1,000,000	550,000	450,000	50,000	
Amount to be Provided by Virginia Revolving Loans	3,000,000	6,750,000	7,250,000	9,962,500	7,250,000
Amount to be Provided by Grants	0	0	0	0	0
Total Estimated Resources	\$5,700,000	\$9,000,000	\$9,500,000	\$12,212,500	\$9,625,000
Locally Financed Projects:					
Major Collection System Repairs	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Annual Sewer Extensions	400,000	400,000	400,000	400,000	400,000
Rainleader Disconnect Program	100,000	100,000	100,000	100,000	100,000
Burton Creek Interceptor Replacement	0	0	0	0	125,000
Waste Water Treatment Plant Improvements Projects	250,000	250,000	250,000	250,000	250,000
Combined Sewer Overflow (CSO) Program Projects	250,000	1,000,000	1,000,000	1,000,000	1,000,000
Wastewater Treatment Plant Sodium Hypochlorite Process	1,200,000	0	0	0	0
	\$2,700,000	\$2,250,000	\$2,250,000	\$2,250,000	\$2,375,000
Virginia Revolving Loan Fund Financed Projects					
Sewer separation/rehabilitation CSO	\$3,000,000	\$2,500,000	\$3,000,000	\$5,712,500	\$3,000,000
Upper James River Interceptor Replacement Project	0	4,250,000	4,250,000	4,250,000	4,250,000
	\$3,000,000	\$6,750,000	\$7,250,000	\$9,962,500	\$7,250,000
Grant Projects:					
Sewer separation/rehabilitation	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0
Total Proposed Projects	\$5,700,000	\$9,000,000	\$9,500,000	\$12,212,500	\$9,625,000



SEWER FUND CAPITAL PROJECTS FINANCING PLAN

As part of the annual budget process, the City appropriates funding for capital projects in accordance with the Five Year Capital Improvement Plan. Typically, the City conducts annual bond financings in the last half of each fiscal year. New bond issues are based on the expected cash flow requirements of projects between bond sales and may differ from funding requirements for annual appropriations.

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Balance Forward	\$22,009,512	\$10,700,579	\$11,389,230	\$13,564,230	\$16,726,730
Income:					
Pay -as-you-go Sewer Operating Fund	1,700,000	1,700,000	1,800,000	2,200,000	2,600,000
Grant Proceeds	1,500,000	0	0	0	0
General Obligation Bond Proceeds	0	1,700,000	0	0	0
Virginia Revolving Loan Fund Proceeds	3,000,000	6,750,000	7,250,000	9,962,500	7,250,000
Balance and Income	<u>\$6,200,000</u>	<u>\$10,150,000</u>	<u>\$9,050,000</u>	<u>\$12,162,500</u>	<u>\$9,850,000</u>
Cash Flow Requirements					
Incomplete local projects	\$1,883,281 (1)	\$411,349	\$0	\$0	\$0
Incomplete grant projects	990,000	0	0	0	0
Incomplete Virginia Revolving Loan Fund projects	4,372,652 (1)	0 (1)	0 (1)	0	0
FY 2007-2011 CIP Local Projects	5,213,000 (1)	2,250,000 (1)	2,250,000 (1)	2,250,000	2,375,000
FY 2007-2011 CIP Virginia Revolving Loan Fund projects	5,050,000 (1)	6,800,000 (1)	4,625,000 (1)	6,750,000	8,606,250
Total Expenditures	<u>\$17,508,933</u>	<u>\$9,461,349</u>	<u>\$6,875,000</u>	<u>\$9,000,000</u>	<u>\$10,981,250</u>
Balance Forward	<u>\$10,700,579 (2)</u>	<u>\$11,389,230 (2)</u>	<u>\$13,564,230 (2)</u>	<u>\$16,726,730</u>	<u>\$15,595,480</u>

(1) Source: Department of Public Works, Utilities Division

(2) Balance forward provides estimated funding for projects until the annual bond sale and/or receipt of Virginia Revolving Loan Fund proceeds typically in the last half of the fiscal year.



FIVE-YEAR PROPOSED PROGRAMMING TO BE FINANCED BY THE CITY

Project Title	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
SEWER					
Annual Sewer Extensions	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000
Source of Funding					
Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000
Burton Creek Interceptor Replacement	0	0	0	0	125,000
Source of Funding					
G.O. Bond	0	0	0	0	0
Pay-As-You-Go	0	0	0	0	125,000
Combined Sewer Overflow (CSO) Program Projects	3,250,000	3,500,000	4,000,000	6,712,500	4,000,000
Source of Funding					
G.O. Bond	0	550,000	450,000	50,000	0
Pay-As-You-Go	250,000	450,000	550,000	950,000	1,000,000
Other	3,000,000	2,500,000	3,000,000	5,712,500	3,000,000
Major Collection System Repairs	500,000	500,000	500,000	500,000	500,000
Source of Funding					
Pay-As-You-Go	500,000	500,000	500,000	500,000	500,000
Rainleader Disconnect Program (CSO)	100,000	100,000	100,000	100,000	100,000
Source of Funding					
Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000
Upper James River Interceptor Replacement Project	0	4,250,000	4,250,000	4,250,000	4,250,000
Source of Funding					
Other	0	4,250,000	4,250,000	4,250,000	4,250,000
Wastewater Treatment Plant Sodium Hypochlorite Process	1,200,000	0	0	0	0
Source of Funding					
G.O. Bond	1,000,000	0	0	0	0
Pay-As-You-Go	200,000	0	0	0	0
Wastewater Treatment Plant Projects	250,000	250,000	250,000	250,000	250,000
Source of Funding					
Pay-As-You-Go	250,000	250,000	250,000	250,000	250,000
Total Estimates Submitted 2007-2011 CIP	\$5,700,000	\$9,000,000	\$9,500,000	\$12,212,500	\$9,625,000
Source of Funding					
G.O. Bond	\$1,000,000	\$550,000	\$450,000	\$50,000	\$0
Pay-As-You-Go	\$1,700,000	\$1,700,000	\$1,800,000	\$2,200,000	\$2,375,000
Other	\$3,000,000	\$6,750,000	\$7,250,000	\$9,962,500	\$7,250,000



FIVE-YEAR ESTIMATED NET COST	APPROPRIATIONS THROUGH 7/1/2005	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
\$2,000,000	On-going	On-going	\$2,000,000
125,000	100,000	2,500,000	\$2,725,000
21,462,500	On-going	On-going	\$21,462,500
2,500,000	On-going	On-going	\$2,500,000
500,000	On-going	On-going	\$500,000
17,000,000	0	0	\$17,000,000
1,200,000	150,000	0	\$1,350,000
1,250,000	On-going	On-going	\$1,250,000
<hr/>			
\$46,037,500			\$48,787,500
\$2,050,000			
\$9,775,000			
<u>\$34,212,500</u>			
\$46,037,500			



CONTINUING PROJECTS THAT HAVE BEEN APPROPRIATED IN PRIOR YEARS

Project Title	Total Project Estimate	Total Estimated Expenditures Thru 6/30/06	Remaining Balance
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SEWER

Field Operations Facility	\$180,000	\$0	\$180,000
CSO 12.2	2,560,366	1,531,279	1,029,087
CSO 12.1	5,173,216	1,629,652	3,543,564
CSO 18.2	3,301,157	1,901,157	1,400,000
CSO 1-D3.1	310,540	160,540	150,000
Upper James River Inter Div 4,5,6	300,000	150,000	150,000
James River Inter.Div 3,4A	275,000	100,000	175,000
TOTALS	\$12,100,279	\$5,472,627	\$6,627,652



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Various location within City limits

PROJECT TITLE
ANNUAL SEWER EXTENSIONS

PROJECT # (If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation N/A



PROJECT DESCRIPTION

Provide for the extension of sanitary sewer lines into unserved areas of the City due to new construction, failed septic systems or economic development. Also used to reimburse developers per City Code for constructing City sewers.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with a dependable, modern, high quality water and sanitary sewer system with sufficient system capacity to meet the City's long term requirements.

PROJECT MANAGER(S)
Lee Newland, Director of Engineering

PROJECT START DATE Recurring
PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Increases revenue from new sewer service customers and increased maintenance for new sewer lines.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05	FY 2007 -2011 ESTIMATE	BEYOND FY 2011 ESTIMATE	TOTAL PROJECT ESTIMATE
Recurring	\$2,000,000	Recurring	Recurring

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
City Engineering Service Charges	40,000	40,000	40,000	40,000	40,000	\$200,000
Construction	360,000	360,000	360,000	360,000	360,000	\$1,800,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund	400,000	400,000	400,000	400,000	400,000	\$2,000,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000	\$2,000,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

☒ Project represents additional essential services

☒ Project contributes to generation of new revenue

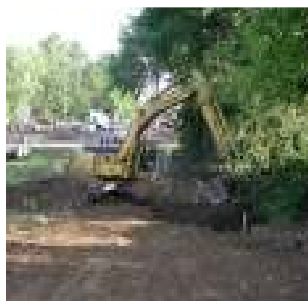


FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM SEWER FUND

SERVICE AREA **Sewer Fund** DEPARTMENT **Public Works** LOCATION **Along Burton Creek and Rock Castle Creek and adjacent to Route 501 and Wards Road**

PROJECT TITLE **BURTON CREEK INTERCEPTOR REPLACEMENT** PROJECT # (If existing) **N/A**

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
 Revision **Delayed due to anticipated adequate capacity through at least 2012.**



PROJECT DESCRIPTION
 Replacement of 12,000 l.f. of the existing interceptor from Burton Creek/Custer Drive to Rock Castle Creek and Route 501. Recent flow studies indicate sufficient capacity through at least 2010.

RELATIONSHIP TO COMPREHENSIVE PLAN
 Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S) **Tim Mitchell, Director of Utilities** PROJECT START DATE **Q1 FY 2011** FIXED ASSET DESIGNATION **New Construction/Expansion**
 PROJECT COMPLETION DATE **Q4 FY 2011**

TIMETABLE	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
% Appropriation Needed																	25	25	25	25
Engineering & Architectural																				
Construction																				

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
 The overall impact to the operating budget will be negligible.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)
 TOTAL PRIOR APPROPRIATION THROUGH 7/01/05 **\$100,000** FY 2007 -2011 ESTIMATE **\$125,000** BEYOND FY 2011 ESTIMATE **\$2,500,000** TOTAL PROJECT ESTIMATE **\$2,725,000**

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Consultant Engineering					125,000	\$125,000
Construction						
TOTAL	\$ 0	\$ 0	\$0	\$0	\$125,000	\$125,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund					125,000	\$125,000
TOTAL	\$ 0	\$ 0	\$0	\$0	\$125,000	\$125,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: G.O. Bond						
Local: Pay-As-You-Go					225,000	\$225,000
TOTAL	\$ 0	\$ 0	\$0	\$0	\$225,000	\$225,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY
☒ Project supports essential services



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM ——— SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Various location within City limits

PROJECT TITLE

COMBINED SEWER OVERFLOW (CSO) PROGRAM PROJECTS (formerly sewer separation/rehabilitation (CSO))

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation N/A



PROJECT DESCRIPTION

Replacement and/or rehabilitation of combined sewers. In addition, waterlines and streets may be renewed as needed. Planned projects may be significantly impacted by the Midtown Connector and 5th Street Improvement Project and/or other water quality mandated projects.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion by 2020.

PROJECT MANAGER(S)
CSO Program Manager

PROJECT START DATE
PROJECT COMPLETION DATE

Recurring
Recurring

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Land Acquisition
Engineering & Architectural
Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05	FY 2007 -2011 ESTIMATE	BEYOND FY 2011 ESTIMATE	TOTAL PROJECT ESTIMATE
Recurring	\$21,462,500	Recurring	Recurring

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
City Engineering Service Charges	20,000	20,000	20,000	24,000	20,000	\$104,000
Land Acquisitions/Right-of-Way	20,000	20,000	20,000	25,000	20,000	\$105,000
Consultant Engineering	75,000	75,000	80,000	85,000	80,000	\$395,000
Contract Administration (Contractual)	65,000	65,000	80,000	134,000	80,000	\$424,000
Inspections (Contractual)	97,500	97,500	120,000	201,000	120,000	\$636,000
Construction	2,972,500	3,222,500	3,680,000	6,243,500	3,680,000	\$19,798,500
TOTAL	\$3,250,000	\$3,500,000	\$4,000,000	\$6,712,500	\$4,000,000	\$21,462,500

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund	250,000	1,000,000	1,000,000	1,000,000	1,000,000	\$4,250,000
4023 Sewer VCWRLF Capital Project Fund	3,000,000	2,500,000	3,000,000	5,712,500	3,000,000	\$17,212,500
TOTAL	\$3,250,000	\$3,500,000	\$4,000,000	\$6,712,500	\$4,000,000	\$21,462,500

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	250,000	450,000	550,000	950,000	1,000,000	\$3,200,000
Local: G.O. Bond	0	550,000	450,000	50,000	0	\$1,050,000
State: VCWRLF	3,000,000	2,500,000	3,000,000	5,712,500	3,000,000	\$17,212,500
TOTAL	\$3,250,000	\$3,500,000	\$4,000,000	\$6,712,500	\$5,375,000	\$21,462,500

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 20% STATE = 80% FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

- ☒ Project has legal or regulatory mandate
☒ Project has State and Federal funding

THIS PROJECT ALSO HAS (A) COMPONENT (S) IN

- ☒ City Capital Fund
☒ Project supports essential services
☒ Sewer VCWRLF Capital Projects Fun
☒ Water Capital Project Fund



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Various

PROJECT TITLE

PROJECT # (If existing)
N/A

MAJOR COLLECTION SYSTEM REPAIRS

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation N/A



PROJECT DESCRIPTION

Major repairs or replacement of the City's Wastewater Collection System. Costs of repairs are beyond normal operating budget for the Utility Division.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Phillip Martin, Utilities Engineer

PROJECT START DATE
PROJECT COMPLETION DATE

Recurring
Recurring

FIXED ASSET DESIGNATION
Maintenance/Capital Outlay

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05	FY 2007 -2011 ESTIMATE	BEYOND FY 2011 ESTIMATE	TOTAL PROJECT ESTIMATE
Recurring	\$2,500,000	Recurring	Recurring

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
City Engineering Service Charges	30,000	30,000	30,000	30,000	30,000	\$150,000
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Construction	420,000	420,000	420,000	420,000	420,000	\$2,100,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund	500,000	500,000	500,000	500,000	500,000	\$2,500,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	500,000	500,000	500,000	500,000	500,000	\$2,500,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

☒ Project supports essential services



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Various

PROJECT TITLE
RAINLEADER DISCONNECT PROGRAM (CSO)

PROJECT #
(If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation N/A



PROJECT DESCRIPTION

As part of the CSO program, the project involves the removal of stormwater by disconnection of rainleaders, downspouts and area drains from the sanitary sewer system.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion of 2020.

PROJECT MANAGER(S)
CSO Program Manager

PROJECT START DATE
PROJECT COMPLETION DATE

Recurring
Recurring

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05	FY 2007 -2011 ESTIMATE	BEYOND FY 2011 ESTIMATE	TOTAL PROJECT ESTIMATE
Recurring	\$500,000	Recurring	Recurring

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Consulting Services	50,000	50,000	50,000	50,000	50,000	\$250,000
Inspections (Contractual)	10,000	10,000	10,000	10,000	10,000	\$50,000
Miscellaneous-Disconnection Payments	40,000	40,000	40,000	40,000	40,000	\$200,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund	100,000	100,000	100,000	100,000	100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

☒ Project has legal or regulatory mandate



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Blackwater Creek to Reusens Dam

PROJECT TITLE

UPPER JAMES RIVER INTERCEPTOR REPLACEMENT PROJECT

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
New N/A



PROJECT DESCRIPTION

Replacement of approximately 21,700 lf. of large diameter sewer pipe from Blackwater Creek to Reusens Dam along the CSX Railway and the James River. The existing pipe is severely deteriorated in many places and must be replaced. A phased project over four years is required due to the cost.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion by 2020.

PROJECT MANAGER(S)
CSO Program Manager

PROJECT START DATE Q1 FY 2008
PROJECT COMPLETION DATE Q4 FY 2011

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Land Acquisition
Engineering & Architectural
Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
				25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Lessens routine maintenance of sewer collection system in the completed project area.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05	FY 2007 -2011 ESTIMATE	BEYOND FY 2011 ESTIMATE	TOTAL PROJECT ESTIMATE
N/A	\$17,000,000	N/A	\$17,000,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Contract Administration (Contractual)	0	20,000	20,000	20,000	20,000	\$80,000
Inspections (Contractual)	0	50,000	50,000	50,000	50,000	\$200,000
Construction	0	4,180,000	4,180,000	4,180,000	4,180,000	\$16,720,000
TOTAL	\$0	\$4,250,000	\$4,250,000	\$4,250,000	\$4,250,000	\$17,000,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4023 Sewer VCWRLF Capital Project Fund	0	\$4,250,000	\$4,250,000	\$4,250,000	\$4,250,000	\$17,000,000
TOTAL	\$0	\$4,250,000	\$4,250,000	\$4,250,000	\$4,250,000	\$17,000,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
State: VCWRLF	0	4,250,000	4,250,000	4,250,000	4,250,000	\$17,000,000
TOTAL	\$0	\$4,250,000	\$4,250,000	\$4,250,000	\$4,250,000	\$17,000,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 0 STATE = 100% FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

- ☒ Project has legal or regulatory mandate
- ☒ Project has State and Federal funding

THIS PROJECT ALSO HAS (A) COMPONENT (S) IN

- ☐ City Capital Fund
- ☒ Project supports essential services
- ☒ Sewer VCWRLF Capital Projects Fund
- ☐ Water Capital Project Fund



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Waste Water Treatment Plant on Concord Turnpike

PROJECT TITLE

PROJECT # (If existing)
N/A

WASTEWATER TREATMENT PLANT SODIUM HYPOCHLORITE PROCESS

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Revision Changed name and updated cost



PROJECT DESCRIPTION

In keeping with the City's desire to remove all gas or liquid chlorine hazard from the treatment system, the project will install a new disinfection process using sodium hypochlorite liquid.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Steve Shenk, Utilities Engineer

PROJECT START DATE Q1 FY 2007
PROJECT COMPLETION DATE Q4 FY 2007

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25																
25	25	25	25																

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
Increase in chemical cost

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05	FY 2007 -2011 ESTIMATE	BEYOND FY 2011 ESTIMATE	TOTAL PROJECT ESTIMATE
\$150,000	\$1,200,000	\$0	\$1,350,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Consultant Engineering						\$ 0
Contract Administration (Contractual)	15,000					\$15,000
Inspections (Contractual)	10,000					\$10,000
Construction	1,175,000					\$1,175,000
TOTAL	\$1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$1,200,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund	1,200,000					\$1,200,000
TOTAL	\$1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$1,200,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	200,000					\$200,000
Local: G. O. Bond	1,000,000					\$1,000,000
TOTAL	\$1,200,000	\$0	\$ 0	\$ 0	\$ 0	\$1,200,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL =100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

☒ Project supports essential services



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

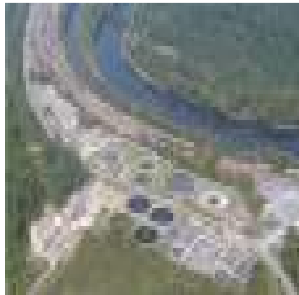
LOCATION
Waste Water Treatment Plant

PROJECT TITLE

PROJECT # (If existing)
N/A

WASTE WATER TREATMENT PLANT IMPROVEMENTS PROJECTS

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Revision Changed yearly amount



PROJECT DESCRIPTION

General repairs, replacement or renovation to major plant process equipment or structures at the waste water treatment plant. This funding is set aside for unanticipated expenditures for major capital equipment replacement as failures occur to maintain compliance with regulatory requirements. Security improvements include replacement and installation of improved camera surveillance; access controls; controlled access gates; security fencing and area lighting.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Steve Shenk, Utilities Engineer

PROJECT START DATE
PROJECT COMPLETION DATE

Recurring
Recurring

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
Lessens the impact on overall sewer operating budget for large plant equipment.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Recurring	\$1,250,000	Recurring	Recurring

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Consultant Engineering	10,000	10,000	10,000	10,000	10,000	\$50,000
Construction	230,000	230,000	230,000	230,000	230,000	\$1,150,000
Contingency	10,000	10,000	10,000	10,000	10,000	\$50,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund	250,000	250,000	250,000	250,000	250,000	\$1,250,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	250,000	250,000	250,000	250,000	375,000	\$1,375,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$375,000	\$1,375,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

DEPARTMENT PRIORITY

☒ Project supports essential services